

**Abstract**

Apparatus for dynamically transforming and caching at least one computer program. The apparatus comprises  
5 computer executable instructions stored on one or more computer readable storage media. The apparatus includes instructions for dynamically transforming and caching code fragments and for causing the code fragments to be executed by at least one computer processor. The  
10 apparatus also includes instructions providing an application programming interface enabling the at least one computer program to activate the instructions for dynamically transforming code fragments and the instructions for caching code fragments.